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AUTOMATIC PAPER SHEET FEEDER

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ABSTRACT

PURPOSE: To simplify structure by providing a paper sheet tray with walls at positions spaced by the width of the paper sheet, and arranging separation claws and their arms so that they come into contact with the walls at the time of feeding action.

CONSTITUTION: A paper sheet tray 2 is provided with tray walls 10, 11 at positions spaced by the width of the paper sheet 1. Separation claws 7a, 8a are arranged inside the walls 10, 11 and claw arms 7, 8 are arranged outside the walls 10, 11 so as to be in contact with but not to produce resistance against the movement of the paper sheets in the direction of loading the paper sheets. While the separation claws 7a, 8a receive a force to cause them to move in the paper sheet width direction from the paper sheets 1 bent with the claws 7a, 8a during feeding action, the claws 7a, 8a are restrained by the walls 10, 11 from moving and the positions of the claws 7a, 8a remain unchanged in the paper sheet width direction. The structure is simplified and assembling efficiency is improved.